

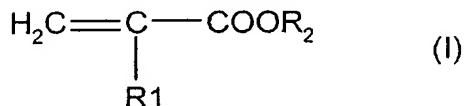
WE CLAIM:

1. A dispersion of particles in a non-aqueous, silicone medium wherein said particles comprise at least one acrylic polymer comprising:

(A) a skeleton that is insoluble in said medium; and

(B) a portion of said polymer that is soluble in said medium comprising side chains covalently bonded to said skeleton, wherein said polymer is obtained by polymerization of a polymerizable mixture, comprising:

(i) a first C₁-C₃ alkyl (meth)acrylate monomer, alone or as a mixture of C₁-C₃ alkyl (meth)acrylate monomers, optionally in the presence of one or more additional monomers selected from the group consisting of acrylic acid, methacrylic acid and alkyl (meth)acrylates of formula (I),



and the salts thereof, wherein:

- R₁ is a hydrogen atom or a methyl group; and

- R₂ is:

(a) a linear or branched alkyl group containing from 1 to 6 carbon atoms, said group containing one or more substituents selected from the group consisting of one or two oxygen atoms, -OH, F, Cl, Br, I, and -NR'R'', wherein R' and R'', which may be identical or different, are linear or branched C₁-C₃ alkyl groups; or

(b) a cyclic alkyl group containing from 3 to 6 carbon atoms, said group optionally containing one or more oxygen atoms, and optionally containing one or more substituents selected from the group consisting of OH, F, Cl, Br, and I; and

(ii) at least one silicone macromonomer comprising an end group that reacts during said polymerization to form said side chains, said macromonomer having a weight-average molecular

mass of at least 200 and representing 0.05% to 20% by weight of the polymer.

2. The dispersion of claim 1, wherein said non-aqueous silicone medium comprises at least 50% by weight of at least one non-aqueous silicone liquid compound having a global solubility parameter according to the Hansen solubility space of less than or equal to 17 (MPa)^{1/2}.

3. The dispersion of claim 1, wherein said first monomer, or mixture of first monomers, is present in an amount of 50-100% by weight of the mixture of first monomer(s) and optional additional monomer(s).

4. The dispersion of claim 1, wherein said first monomer, or mixture of first monomers, is selected from the group consisting of methyl acrylate; methyl methacrylate; ethyl acrylate; ethyl methacrylate; n-propyl acrylate; n-propyl methacrylate; isopropyl acrylate; and isopropyl methacrylate.

5. The dispersion of claim 1, wherein said one or more additional monomers, or mixture of additional monomers, is selected from the group consisting of methoxyethyl (meth)acrylate; ethoxyethyl (meth)acrylate; trifluoroethyl methacrylate; dimethylaminoethyl methacrylate; diethylaminoethyl methacrylate; 2-hydroxypropyl methacrylate; 2-hydroxyethyl methacrylate; 2-hydroxypropyl acrylate; 2-hydroxyethyl acrylate; and the salts thereof.

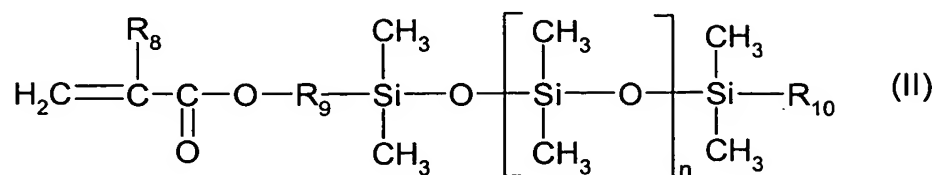
6. The dispersion of claim 1, wherein said silicone macromonomer comprises an end group selected from the group consisting of a vinyl group and a (meth)acryloyloxy group.

7. The dispersion of claim 1, wherein said silicone macromonomer has a weight-average molecular mass (Mw) from 200 to 100,000.

8. The dispersion of claim 14, wherein said weight-average molecular mass (Mw) is from 300 to 50,000.

9. The dispersion of claim 1, wherein said silicone macromonomer comprises a polydimethylsiloxane containing a monoacryloyloxy or monomethacryloyloxy end group.

10. The dispersion of claim 1, wherein said silicone macromonomer is a compound of formula (II)



wherein:

- R₈ is a hydrogen atom or a methyl group;
- R₉ is a divalent linear or branched hydrocarbon group containing from 1 to 10 carbon atoms, said group optionally containing one or two oxygen atoms;
- R₁₀ is a linear or branched alkyl group containing from 1 to 10 carbon atoms; and
- n is an integer from 1 to 300.

11. The dispersion of claim 10, wherein R₈ is a methyl group.

12. The dispersion of claim 10, wherein R₉ is selected from the group consisting of ethylen, propylen, and butylen.

13. The dispersion of claim 10, wherein R₁₀ is selected from the group consisting of methyl, ethyl, propyl, butyl, and pentyl.

14. The dispersion of claim 1, wherein said silicone macromonomer is present in the polymer in a proportion of from 2-16% by weight.

15. The dispersion of claim 14, wherein said proportion is from 4-15% by weight.

16. The dispersion of claim 1, wherein said acrylic polymer has a weight-average molecular mass (Mw) of between 10,000 and 300,000.

17. The dispersion of claim 16, wherein said weight-average molecular mass (Mw) is between 20,000 and 200,000.

18. The dispersion of claim 1, wherein said polymer particles have a mean size ranging from 10 to 400 nm.

19. The dispersion of claim 1, wherein said dispersion has a solids content (or dry extract) of from 40-70% by weight of solids.

20. A cosmetic or pharmaceutical composition, comprising a dispersion according to claim 1 and a cosmetically or pharmaceutically acceptable medium.

21. The composition of claim 20, wherein said dispersion is present in an amount of from 3-95% by weight of said composition.

22. The composition of claim 20, wherein said cosmetically or pharmaceutically acceptable medium comprises one or more substances selected from the group consisting of waxes; oils; gums; pasty fatty substances; pigments; fillers; nacles; antioxidants; fragrances; essential oils; preserving agents; cosmetic active agents; moisturizers; vitamins; essential fatty acids; sphingolipids; sunscreens; surfactants; and liposoluble polymers compatible with fatty substances.

23. The composition of claim 20, which is in the form of a care, cleansing or makeup composition for the skin or keratin materials, a haircare composition, or an anti-sun composition.

24. A cosmetic treatment process for caring for, cleansing and/or making up keratin materials such as the skin, the scalp, the eyelashes, the eyebrows, the lips and the nails, comprising applying the composition of claim 20 to said keratin materials.